


7. (Twice Amended) An isolated molecule [having] consisting essentially of an [the] amino acid sequence encoded by a cDNA molecule that [specifically] hybridizes to a molecule consisting essentially of the nucleotide sequence set forth in FIG. 1 (SEQ ID NO:1), or its complement under stringent conditions.

9. (Twice Amended) A vaccine comprising an isolated immunologically active molecule comprising [having] an amino acid sequence selected from [a] the group consisting of sequences encoded by the cDNA of FIG. 1 (SEQ ID NO:1), the sequence of FIG. 2 (SEQ ID NO:2), the peptides [APPEDNPVED] Ala, Pro, Pro, Glu, Asp, Asn, Pro, Val, Glu, Asp (SEQ ID NO:6), [EEQQEVPPDT] Glu, Glu, Gln, Gln, Glu, Val, Pro, Pro, Asp, Thr (SEQ ID NO:7), [DGPTGEPQQE] Asp, Gly, Pro, Thr, Gly, Glu, Pro, Gln, Gln, Glu (SEQ ID NO:8), [and] [QENPDSSEPV] Gln, Glu, Asn, Pro, Asp, Ser, Ser, Glu, Pro, Val (SEQ ID NO:9), [and] any fragment of at least 6 amino acids in length and [or] combinations thereof [that are]  immunologically active.]

10. (Twice Amended) An isolated molecule [having] consisting essentially of an amino acid sequence selected from the group consisting of [APPEDNPVED] Ala, Pro, Pro, Glu, Asp, Asn, Pro, Val, Glu, Asp (SEQ ID NO:6), [EEQQEVPPDT] Glu, Glu, Gln, Gln, Glu, Val, Pro, Pro, Asp, Thr (SEQ ID NO:7), [DGPTGEPQQE] Asp, Gly, Pro, Thr, Gly, Glu, Pro, Gln, Gln, Glu (SEQ ID NO:8), and [QENPDSSEPV] Gln, Glu, Asn, Pro, Asp, Ser, Ser, Glu, Pro, Val (SEQ ID NO:9).

11. (Twice Amended) An isolated molecule [with an] consisting essentially of [amino acid sequence comprising the sequence PTGEPQ, which are] amino acid residues 3-8 of SEQ ID NO:8.